APPENDIX B Weekly Construction Progress Reports

2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833

Job Name: Muscoy OU Remedial Action

WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

USCOY I-215 BNSF RAILROAD UNDERCROSSING WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: Date: 001 12/10/04

Time From:

12/6/04 - 12/10/04

U.S. Environmental Protection Agency, Region IX 75 Hawthorne Street San Francisco, CA 94105 Contract No. 68-W-98-225

Wo	rk	Pe	rfo	rm	ed	•

 El-Co mobilized to the project site, and installed traffic control meas 	SHIPPS	•
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- □ El-Co completed surveying to layout the jacking pit location on the east side of I-215, and the location of the existing 20-inch diameter DIP pipeline on the west side of I-215.
- □ El-Co potholed to determine locations of existing underground utilities in the jacking pit area on the east side of I-215.
- El-Co removed existing asphalt pavement from the jacking pit location and completed the excavation for the construction of the jacking pit.
- □ El-Co installed the engineered shoring system inside the jacking pit excavation, and installed the safety hand rails around the jacking pit perimeter.

Forecasted Work for Next Week:

- El-Co will place the settlement monitoring markers along the casing alignment, will collect initial settlement marker elevations, and will begin the daily surveying of these settlement markers.
- The safety meeting with Cal OSHA will be conducted at the jacking pit location on 12/13.
- Ayala Boring will mobilize and set-up the jack & bore equipment to the project site.
- El-Co/Ayala will begin the jack and bore operation to install the 36-inch diameter steel casing.

alth and Safety:

□ El-Co held a tailgate safety meeting on 12/6 to discuss traffic control, safe work practices, and residential foot traffic.

Community Relations:

No issues to report.

Conditions Encountered and Resolution:

No issues to report.

Delays Encountered:

☐ The excavation of the jacking pit was delayed one day due to issues related to the location of a monitoring well that was installed during the geotechnical evaluation for the freeway/railroad under crossing work.

Other Important Situations and Decisions:

2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833 **MUSCOY I-215 BNSF RAILROAD UNDERCROSSING** WEEKLY CONSTRUCTION PROGRESS REPORT

Job Name: Muscoy OU Remedial Action WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

Report	No.:
Date:	
Time F	rom:

002 12/17/04

12/13/04 - 12/17/04

U.S. Environmental Protection Agency, Region IX 75 Hawthorne Street San Francisco, CA 94105 Contract No. 68-W-98-225

Work	Performed:	
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- El-Co placed the settlement monitoring markers along the casing alignment, and collected the initial settlement marker elevations along the alignment.
- □ El-Co completed the placement of all safety railing around the perimeter of the boring pit.

Forecasted Work for Next Week:

- ☐ The safety meeting with Cal OSHA will be conducted at the jacking pit location on 12/21.
- Ayala Boring will mobilize and set-up the jack & bore equipment to the project site on 12/20.
- □ El-Co/Ayala will begin the jack and bore operation to install the 36-inch diameter steel casing on 12/21.
- □ El-Co will begin the daily settlement marker survey program on 12/21.

Health and Safety:

□ No issues to report.

Community Relations:

No issues to report.

Conditions Encountered and Resolution:

No issues to report.

Delays Encountered:

No issues to report.

Other Important Situations and Decisions:

2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833

Job Name: Muscoy OU Remedial Action

WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

USCOY I-215 BNSF RAILROAD UNDERCROSSING WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.:

003

Date: Time From: 12/23/04 12/20/04 - 12/23/04

U.S. Environmental Protection Agency, Region IX 75 Hawthorne Street San Francisco, CA 94105 Contract No. 68-W-98-225

W	ork	Perf	orm	ad.

	The safety meeting with	Cal OSHA	was conducted at the jacking pit location on 12/21.	
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- Ayala Boring mobilized and set-up the jack & bore equipment to the project site on 12/20.
- □ El-Co/Ayala began the jack and bore operation to install the 36-inch diameter steel casing on 12/21. 60 linear feet of 36-inch diameter steel casing was installed this week.
- El-Co began the daily settlement marker survey program on 12/21.

Forecasted Work for Next Week:

- □ El-Co/Ayala will continue the jack and bore operation to install the 36-inch diameter steel casing.
- □ El-Co will continue the daily settlement marker survey program.

Health and Safety:

The Cal OSHA safety meeting conducted on 12/21 included an inspection of the shoring installation and the construction of the boring pit; an inspection of the ventilation and gas monitoring equipment to be used at the site; truck crane and equipment safety inspection; inspection of excavation permit and competent person certificates; and an inspection of health and safety equipment and training certificates. The Cal OSHA inspector also attended and conducted a portion of the tailgate safety meeting.

Community Relations:

No issues to report.

Conditions Encountered and Resolution:

No issues to report.

Delays Encountered:

No issues to report.

Other Important Situations and Decisions:

2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833 MUS WEE

Job Name: Muscoy OU Remedial Action

WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

SCOY I-215	BNSF RAILROAD UNDERCROSSIN	G
EKLY CONS	STRUCTION PROGRESS REPORT	

Report No.: Date:

Time From:

004

12/31/04 12/27/04 - 12/31/04

U.S. Environmental Protection Agency, Region	ΙX
75 Hawthorne Street	
San Francisco, CA 94105	
Contract No. 68-W-98-225	

Work	Perf	ormed:
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- □ El-Co/Ayala continued the jack and bore operation to install the 36-inch diameter steel casing. Approximately 100 linear feet of 36-inch diameter steel casing was installed this week.
- El-Co continued the daily settlement marker survey program.

Forecasted Work for Next Week:

- □ El-Co/Ayala will continue the jack and bore operation to install the 36-inch diameter steel casing.
- ☐ El-Co will continue the daily settlement marker survey program.
- □ El-Co will pothole to locate the 36-inch diameter casing and utilities in the area of the receiving pit.
- □ El-Co/Ayala will begin pressure grouting outside the 36-inch diameter steel casing.

Health and Safety:

- Continued to monitor the jacking pit for gases.
- □ El-Co/Ayala held a tailgate safety meeting on 12/30 to discuss safe work practices.

Community Relations:

No issues to report.

Conditions Encountered and Resolution:

No issues to report.

Delays Encountered:

No issues to report.

Other Important Situations and Decisions:

2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833 Job Name: Muscoy OU Remedial Action

WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

USCOY I-215 BNSF RAILROAD UNDERCROSSING WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: Date: 005 1/7/05

Time From:

1/3/05 - 1/7/05

U.S. Environmental Protect	tion Agency, Region IX
75 Hawthorne Street	
San Francisco, CA 94105	
Contract No. 68-W-98-225	

Work	Peri	ormed	l:
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- El-Co/Ayala continued the jack and bore operation to install the 36-inch diameter steel casing. Approximately 80 linear feet of 36-inch diameter steel casing was installed this week. This completed the steel casing installation using the jack and bore method.
- □ El-Co continued the daily settlement marker survey program.
- El-Co potholed, excavated and shored the receiving pit on the west side of the BNSF Railroad right of way.

Enro	cacte	A W	ark.	for h	lovt	Week:
rore	Casie	CO VV	Ork:	ior r	vext	Week:

- ☐ El-Co will continue the daily settlement marker survey program.
- El-Co/Ayala will begin pressure grouting outside the 36-inch diameter steel casing.
- Ayala will demobilize the boring equipment from the project site.
- □ El-Co will remove the shoring and backfill the boring pit on the east side of I-215.
- El-Co will begin the open cut portion of the 36-inch steel casing installation on W 10th Street, east of I-215.

Health and Safety:

- Continued to monitor the jacking pit for gases.
- El-Co/Ayala held a tailgate safety meeting on 1/6 to discuss safe work practices.

Community Relations:

No issues to report.

Conditions Encountered and Resolution:

No issues to report.

Delays Encountered:

One rain delay day occurred this week.

Other Important Situations and Decisions:

2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833

Job Name: Muscoy OU Remedial Action

WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

1/10/05 - 1/14/05

MUSCOY	I-215	BNSF	RAIL	ROAD	UNDE	RCROSS	ING
WEEKLY	CONS	STRUC	TION	PROG	RESS	REPORT	•

006 Report No.: Date:

Time From:

1/14/05

U.S. Environmental Protection Agency, Region IX 75 Hawthorne Street San Francisco, CA 94105 Contract No. 68-W-98-225

Work Performe	ed:	
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- Ayala demobilized the boring equipment from the project site.
- □ El-Co continued the daily settlement marker survey program.
- El-Co performed the removal of accumulated storm water from both the boring pit and the receiving pit, and performed removal of mud from inside the 36-inch diameter steel casing.

Forecasted Work for Next Week:

- El-Co will complete the removal of accumulated storm water from both the boring pit and the receiving pit, and performed removal of mud from inside the 36-inch diameter steel casing.
- El-Co will begin the weekly settlement marker survey program.
- Ayala will complete the pressure grouting outside the 36-inch diameter steel casing.
- □ El-Co will remove the shoring and backfill the boring pit on the east side of I-215.
- □ El-Co will begin the open cut portion of the 36-inch steel casing installation on W 10th Street, east of I-215.

Health and Safety:

- Continued to monitor the jacking pit for gases.
- El-Co/Ayala held a tailgate safety meeting on 1/13 to discuss safe work practices.

Community Relations:

No issues to report.

Conditions Encountered and Resolution:

The project site received in excess of the historical 100-year rainfall (over 14 inches of rain in a 4-day period), which resulted in some storm water accumulation in the boring and receiving pits. El-Co was monitoring the rainfall and storm water protection devices at the two pits over the weekend, and this active observance allowed them to react quickly and begin pumping water before any real damage occurred. This damage control work lasted throughout the week, they are to be commended for their diligence.

Delays Encountered:

Two rain delay days occurred this week, heavy rains over the weekend impacted site work all week.

Other Important Situations and Decisions:

2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833

Other Important Situations and Decisions:

No issues to report.

Job Name: Muscoy OU Remedial Action

WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

USCOY I-215 BNSF RAILROAD UNDERCROSSING WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: Date: 007 1/21/05

Time From:

1/17/05 - 1/21/05

75 Ha	nvironmental Protection Agency, Region IX wthorne Street rancisco, CA 94105 act No. 68-W-98-225
Work	Performed:
0	El-Co completed the removal of accumulated storm water from both the boring pit and the receiving pit, and performed removal of mud from inside the 36-inch diameter steel casing. El-Co completed the daily settlement marker survey program, and began the weekly settlement marker survey program.
0	Ayala completed the pressure grouting outside the 36-inch diameter steel casing. El-Co removed the shoring and completed the backfill of the boring pit on the east side of I-215. El-Co began the open cut portion of the 36-inch steel casing installation on W 10 th Street, east of I-215.
Foreca	asted Work for Next Week:
0	El-Co will continue the open cut portion of the 36-inch steel casing installation on W 10 th Street, east of I-215. El-Co will continue the weekly settlement marker survey program. El-Co will start to install the 20-inch diameter DIP carrier pipe in all of the 36-inch diameter steel casing.
Health	and Safety:
Ìo	El-Co/Ayala held a tailgate safety meeting on 1/20 to discuss safe work practices.
Comm	unity Relations:
	No issues to report.
Condit	ions Encountered and Resolution:
	No issues to report.
Delays	Encountered:
۵	No issues to report.

Job Name: Muscoy OU Remedial Action WA No.: 016-RARA-09J5 2520 Venture Oaks Way, Suite 250 Project Location: San Bernardino, CA Sacramento, CA 95833 URS Project No.: 18600069.05010 Report No.: 800 **MUSCOY I-215 BNSF RAILROAD UNDERCROSSING** Date: 1/28/05 **WEEKLY CONSTRUCTION PROGRESS REPORT** Time From: 1/24/05 - 1/28/05 U.S. Environmental Protection Agency, Region IX 75 Hawthorne Street San Francisco, CA 94105 Contract No. 68-W-98-225 Work Performed: □ El-Co continued the open cut portion of the 36-inch steel casing installation on W 10th Street, east of I-215. □ El-Co continued the weekly settlement marker survey program. **Forecasted Work for Next Week:** □ El-Co will continue the open cut portion of the 36-inch steel casing installation on W 10th Street, east of I-215. □ El-Co will continue the weekly settlement marker survey program. □ El-Co will start to install the 20-inch diameter DIP carrier pipe in all of the 36-inch diameter steel casing. Health and Safety: El-Co/Ayala held a tailgate safety meeting on 1/27 to discuss safe work practices. **Community Relations:** No issues to report. **Conditions Encountered and Resolution:** No issues to report.

Delays Encountered:

No issues to report.

No issues to report.

Other Important Situations and Decisions:

2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833

Job Name: Muscoy OU Remedial Action WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

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Report No.:

009

	KLY CONSTRUCTION PROGRESS REPORT	Date: Time From:	2/4/05 1/31/05 - 2/4/05
75 Hav San Fr	nvironmental Protection Agency, Region IX wthorne Street rancisco, CA 94105 act No. 68-W-98-225		
Work I	Performed:		
0	El-Co completed the open cut portion of the 36-inch steel casing installating El-Co completed the installation of the 20-inch diameter DIP carrier pipe. El-Co continued the weekly settlement marker survey program.	on on W 10 th St	reet, east of I-215.
Foreca	asted Work for Next Week:		11721303.13.
0	El-Co will continue the weekly settlement marker survey program. El-Co will pressure test and chlorinate the 20-inch diameter DIP carrier pi El-Co will slurry fill the 36-inch diameter steel casing. El-Co will complete the tie-ins to the existing 20-inch diameter DIP transmof I-215. El-Co will prepare for asphalt paving on W. 10 th Street, east of I-215.	•	on the east and west sides
Health	and Safety:		
	El-Co/Ayala held a tailgate safety meeting on 2/3 to discuss safe work pra	actices.	
Comm	unity Relations:		1.4.5
0	No issues to report.		
Condit	ions Encountered and Resolution:		· · · · · · · · · · · · · · · · · · ·
	No issues to report.		
Delays	Encountered:		
0	No issues to report.		
Other I	mportant Situations and Decisions:		
D	No issues to report.		

URS 2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833	WA No.: 016- Project Local	uscoy OU Remed RARA-09J5 tion: San Bernardi No.: 18600069.050	no, CA
MUSCOY I-215 BNSF RAILROAD UNDERCROSSING WEEKLY CONSTRUCTION PROGRESS REPORT	Report No.: Date: Time From:	010 2/11/05 2/7/05 – 2/11/05	
U.S. Environmental Protection Agency, Region IX 75 Hawthorne Street San Francisco, CA 94105 Contract No. 68-W-98-225		·	
Work Performed:			
 El-Co pressure tested and chlorinated the 20-inch diameter DIP carrier p conducted by SBMWD and results were received on 2/10. El-Co/Ayala slurry filled the 36-inch diameter steel casing. El-Co completed the tie-ins to the existing 20-inch diameter DIP transmis I-215. El-Co continued the weekly settlement marker survey program. 			
Forecasted Work for Next Week:			
 El-Co will continue the weekly settlement marker survey program. El-Co will begin asphalt paving on W. 10th Street, east of I-215 and on the El-Co will begin final clean-up activities. 	e west side of B	NSF RR.	
Health and Safety:			-
☐ El-Co held a tailgate safety meeting on 2/10 to discuss safe work practice	es.		
Community Relations:			
□ No issues to report.			
Conditions Encountered and Resolution:			
□ No issues to report.			· ·
Delays Encountered:			
□ No issues to report.			
Other Important Situations and Decisions:		<u> </u>	
□ No issues to report.			

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2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833

Job Name: Muscoy OU Remedial Action WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

	SCOY I-215 BNSF RAILROAD UNDERCROSSING EKLY CONSTRUCTION PROGRESS REPORT	Report No.: Date: Time From:	011 2/18/05 2/14/05 – 2/18/05
75 Ha San F	Environmental Protection Agency, Region IX wthorne Street Francisco, CA 94105 ract No. 68-W-98-225		210,00
Work	Performed:		
0	El-Co began final clean-up activities.	est side of BNS	FRR.
Forec	asted Work for Next Week:		
0	= 5 time of the deprime paring on W. To offoot, duct of 1210 and on	the west side o	BNSF RR.
Health	n and Safety: El-Co held a tailgate safety meeting on 2/17 to discuss safe work practice	s.	
Comp	nunity Relations:		
	No issues to report.		
Condi	tions Encountered and Resolution:	3.	·
۵	No issues to report.		
Delays	s Encountered:		
0	No issues to report.		
Other	Important Situations and Decisions:		
•	The weekly settlement marker survey program has been completed. Additionally performed at the 6-month and 12-month time periods according to the	tional settlemer	at marker survey work will

	renture Oaks Way, Suite 250 mento, CA 95833	WA No.: 016- Project Local	uscoy OU Remedial RARA-09J5 tion: San Bernardino No.: 18600069.05010	, CA
	COY I-215 BNSF RAILROAD UNDERCROSSING KLY CONSTRUCTION PROGRESS REPORT	Report No.: Date: Time From:	012 2/25/05 2/21/05 – 2/25/05	0
75 Hav San Fi	nvironmental Protection Agency, Region IX wthorne Street rancisco, CA 94105 act No. 68-W-98-225			
Work	Performed:			
0	El-Co completed asphalt paving on the west side of BNSF RR. El-Co continued final clean-up activities.			
Foreca	asted Work for Next Week:			
0	El-Co will complete asphalt cap overlay on W. 10 th Street, east of I-215. El-Co will complete final clean-up activities.			
Health	and Safety:			
	El-Co held a tailgate safety meeting on 2/24 to discuss safe work practice	es.		
Comm	unity Relations:			
0	•• •			
Condi	tions Encountered and Resolution:			*
	No issues to report.			
Delays	Encountered:			
_	No issues to report.			
Other	Important Situations and Decisions:			
П	No issues to report			

URS 2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833 Job Name: Muscoy OU Remedial Action

WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

.USCOY I-215 BNSF RAILROAD UNDERCROSSING WEEKLY CONSTRUCTION PROGRESS REPORT

Report No.: Date: 013 3/4/05

Time From: 2/28/05 - 3/4/05

U.S. Environmental Protection Agency, Region IX 75 Hawthorne Street San Francisco, CA 94105 Contract No. 68-W-98-225

	act No. 68-W-98-225				
Work	Performed:				
0	El-Co completed the asphalt cap overlay on W. 10 th Street, east of I-215. El-Co completed final clean-up activities at the project locations.				
Forec	asted Work for Next Week:	*		 	_
0	Final Inspections scheduled with Cal Trans and BNSF Railroad.				
Health	and Safety:				
	El-Co held a tailgate safety meeting on 3/3 to discuss safe work practices.				
Comm	unity Relations:		:	 	_
	No issues to report.				
ndi	tions Encountered and Resolution:				_
0	No issues to report.				
Delays	Encountered:				_
0	No issues to report.				
Other	Important Situations and Decisions:			 · · · · · · · · · · · · · · · · · · ·	<u>-</u>
.0	No issues to report.				

URS 2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833 MUSCOY I-215 BNSF RAI WEEKLY CONSTRUCTIO

Job Name: Muscoy OU Remedial Action

WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

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ľ	COY I-215 BNSF RAILROAD UNDERCROSSING KLY CONSTRUCTION PROGRESS REPORT	Report No.: Date: Time From:	014 3/11/05 3/7/05 – 3/11/05	0
75 Hav San Fr	nvironmental Protection Agency, Region IX vthorne Street ancisco, CA 94105 ct No. 68-W-98-225			
Work F	Performed:	<u> </u>		
0	Completed the Final Inspection with BNSF Railroad. Scheduled meeting with Cal Trans for next week to conduct Final Inspect	tion.		
Foreca	sted Work for Next Week:			
۵	Final Inspections scheduled with Cal Trans.			
Health	and Safety:			**
G	No issues to report.			
Commi	unity Relations:			
•	No issues to report.			,
Conditi	ions Encountered and Resolution:			()
ū	No issues to report.			
Delays	Encountered:			
	No issues to report.			•
Other I	mportant Situations and Decisions:			
0	No issues to report.			

2520 Venture Oaks Way, Suite 250 Sacramento, CA 95833

Job Name: Muscoy OU Remedial Action WA No.: 016-RARA-09J5

Project Location: San Bernardino, CA URS Project No.: 18600069.05010

USCOY I-215 BNSF RAILROAD UNDERCROSSING WEEKLY CONSTRUCTION PROGRESS REPORT	Report No.: Date: Time From:	015 3/18/05 3/14/05 – 3/18/05
U.S. Environmental Protection Agency, Region IX 75 Hawthorne Street San Francisco, CA 94105 Contract No. 68-W-98-225		
Work Performed:		
□ Completed the Final Inspection with Cal Trans.		
Forecasted Work for Next Week:		
□ None, the project is complete.		
Health and Safety:		
□ No issues to report.		
Community Relations:		
□ No issues to report.		
nditions Encountered and Resolution:		
□ No issues to report.		
Delays Encountered:		
□ No issues to report.		
Other Important Situations and Decisions:		
□ No issues to report.		

Job Name: Muscoy OU Remedial Action WA No.: 016-RARA-09J5 2520 Venture Oaks Way, Suite 250 Project Location: San Bernardino, CA Sacramento, CA 95833 URS Project No.: 18600069.05010 Report No.: 016 **MUSCOY I-215 BNSF RAILROAD UNDERCROSSING** Date: 3/25/05 WEEKLY CONSTRUCTION PROGRESS REPORT Time From: 3/21/05 - 3/25/05 U.S. Environmental Protection Agency, Region IX **75 Hawthorne Street** San Francisco, CA 94105 Contract No. 68-W-98-225 **Work Performed:** □ None, the project is complete. **Forecasted Work for Next Week:**

The Final Inspection with URS, USEPA, and SBMWD needs to be scheduled for this portion of the project.

None, the project is complete.

Conditions Encountered and Resolution:

Other Important Situations and Decisions:

Health and Safety:

Community Relations:

Delays Encountered:

No issues to report.

No issues to report.

No issues to report.